



PTO/SB/08A (09-03)

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/009,004
				Filing Date	11/5/2001
				First Named Inventor	GREGORY
				Group Art Unit	1652
				Examiner Name	I. Chowdhury
Sheet	1	of	4	Attorney Docket Number	7037-405
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/IC/		3,070,510	12-25-1962	Cooley	
		3,429,963	02-25-1969	Shedlovsky	
		3,538,230	03-02-1970	Pader	
		3,678,154	07-18-1972	Widder	
		3,686,393	08-22-1972	Woodruff	
		3,737,533	06-05-1973	Francis	
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		3,959,458	05-25-1976	Agricola	
		3,988,443	10-26-1976	Ploger	
		4,051,234	09-27-1977	Gieske	
		4,083,955	04-11-1978	Grabensetter	
		4,139,627	02-13-1979	Lane	
		4,304,766	12-08-1981	Chang	
		4,312,889	01-26-1982	Melsheimer	
		4,340,583	07-20-1982	Wason	
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		4,590,066	05-20-1986	Parran	
		4,661,341	04-28-1987	Benedict	
		4,670,252	06-02-1987	Sampathkumar	
		4,846,650	07-11-1989	Benedict	
		4,877,603	10-31-1989	Degenhardt	
/IC/		4,919,918	04-24-1990	Cole	
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/IC/		4,931,473	06-05-1990	Kelleher	
↓		5,143,720	09-01-1992	Lopes	
		5,283,056	02-01-1994	Chung	
		5,284,648	02-08-1994	White	
		5,352,446	10-04-1994	Lehner	
		5,500,206	03-19-1996	Charbonneau	
		6,254,856	07-03-2001	Tsuchiya	
/IC/		6,355,228	03-12-1992	Fuglsang	

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FOREIGN PATENT DOCUMENTS								
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		Country Code ²	Number ³ Kind Code ⁵ (if known)					
/IC/		WO 00/66616	A1	11-09-2000	Advanced Research		<input type="checkbox"/>	

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Sheet	4	of	4		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	T ²
/IC/		BEUKES, M., "Purification and Partial Characterization of a Murein Hydrolase, Millericin B, Produced by Streptococcus milleri MNSCC 061", Applied Environ. Microbiol., Jan. 2000, Vol./Issue No. 66(1), pp. 23-28	<input type="checkbox"/>
		BROWN, ALAN E., "Prevalence of the Amylase-Binding Protein A Gene (abpA) in Oral Streptococci", J. Clin. Microbiol., Dec. 1999, Vol./Issue No. 37(12), pp. 4081-4085	<input type="checkbox"/>
		BURNE, ROBERT A., "Regulation of Expression of the Fructan Hydrolase Gene of Streptococcus mutans GS-5 by Induction and Carbon Catabolite Repression", J. Bacteriology, May 1999, Vol./Issue No. 181(9) pp. 2863-2871	<input type="checkbox"/>
		CHIA, JEAN-SAN, "A 60-Kilodalton Immunodominant Glycoprotein Is Essential for Cell Wall Integrity and the Maintenance of Cell Shape in Streptococcus mutans", Infect. Immun., Nov. 2001, Vol./Issue No. 69(11) pp. 6987-6998	<input type="checkbox"/>
		FONTANA, MARGHERITA, "An In Vitro Microbial-Caries Model Used to Study the Efficacy of Antibodies to Streptococcus mutans Surface Proteins in Preventing Dental Caries", Clin. Diagnostic Lab. Immun., Jan. 2000, Vol./Issue No. 7(1) pp. 49-54	<input type="checkbox"/>
		GENBANK ACCESSION NO. A60328, "40K cell wall protein precursor (sr 5' region) - Streptococcus mutans (strain OMZ175, serotype f)", 2/20/1993	<input type="checkbox"/>
		KIM ET AL, "Purification and properties of bacteriolytic enzymes from Bacillus licheniformis YS-1005 against Streptococcus mutans", Biosci Biotechnol Biochem, Jan 1999, Vol./Issue No. 63, 1, pp. 73-77	<input type="checkbox"/>
		OGIER ET AL, "A 40-kilodalton cell wall protein-coding sequence upstream of the sr gene of Streptococcus mutans OMZ175 (serotype f)", Infect Immun, May 1991, Vol./Issue No. 59, 5, pp. 1620-1626	<input type="checkbox"/>
		RAY, CHAD A., "Interactions of Streptococcus mutans Fimbria-Associated Surface Proteins with Salivary Components", Clin. Diagnostic Lab. Immun., May 1999, Vol./Issue No. 6(3), pp. 400-404	<input type="checkbox"/>
		ROGERS, JEFFREY D., "Role of Streptococcus gordonii Amylase-Binding Protein A in Adhesion to Hydroxyapatite, Starch Metabolism, and Biofilm Formation", Infect. Immun., Nov. 2001, Vol./Issue No. 69(11) pp. 7046-7056	<input type="checkbox"/>
V		ROGERS, JEFFREY D., "RegG, a CcpA Homolog, Participates in Regulation of Amylase-Binding Protein A Gene (abpA) Expression in Streptococcus gordonii", J. Bacteriology, June 2001, Vol./Issue No. 183(11) pp. 3521-3525	<input type="checkbox"/>
/IC/		ZIMMER, MARKUS, "The Murein Hydrolase of the Bacteriophage 3626 Dual Lysis System Is Active against All Tested Clostridium perfringens Strains", Applied Environ. Microbiol., Nov. 2002, Vol./Issue No. 68(11) pp. 5311-5317	<input type="checkbox"/>

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